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NO. 1877—P. 7

*Not Supplied**original stamp date 12/10/99*

Submitted with IDS of December 7, 1999

Sheet 1 of 1

Form PTO-1449  
(Rev. 8-83)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 0756-945

Serial No. 08/169,127

**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant: Hisato SHINOHARA et al.

Filing Date: December 20, 1993

Group: 1762

**U.S. PATENT DOCUMENTS**

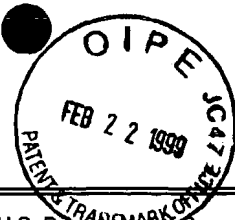
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>Prop</i>	60-52390	03/25/85	Japan			Full	
<i>Prop</i>	60-260393	12/23/85	Japan			Full	
	61-31288	02/13/86	Japan			Full	
<i>Prop</i>	62-143847	06/27/87	Japan			Full	
<i>Prop</i>	2-222154	09/04/90	Japan			Full	
	DE 39 25 085 C1	01/10/91	Germany			Full	
	61-72549	04/14/86	Japan			Full	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)Examiner *[Signature]*Date Considered *4/19/04*

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Submitted with IDS of February 19, 1999

attach to #34

Sheet 1 of 1

Form PTO-1449  
(Rev. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 0756-945

Serial No. 08/169,127

# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Hisato SHINOHARA et al.

Filing Date: December 20, 1993

Group: TTT2/762

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>[initials]</i>	RE 33,947	06/02/92	Shinohara			
<i>[initials]</i>	4,059,461	11/22/77	Fan et al			
<i>[initials]</i>	4,233,626	11/11/80	Bell			
<i>[initials]</i>	4,270,132	05/26/81	Bell			
<i>[initials]</i>	4,309,225	01/05/82	Fan et al			
<i>[initials]</i>	4,314,256	02/02/82	Petrov et al			
<i>[initials]</i>	4,568,409	02/04/86	Caplan			
<i>[initials]</i>	4,861,964	08/29/89	Shinohara			
<i>[initials]</i>	5,708,252	01/13/98	Shinohara et al			

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
53-122403 <i>* Same</i>	10/25/78	Japan	US PN 4,233,626	above	Abstract
60-052390	03/25/85	Japan	Vici et al		+ Full Trans Abstract
60-224282 (Japanese & English)	11/08/85	Japan	Yamazaki		X
60-227484 (Japanese & English)	11/12/85	Japan	Yamazaki		X
60-260393	12/23/85	Japan	Yamazaki		+ Full Trans Abstract
61-031288	02/13/86	Japan	Mizuhara		Abstract
62-143847	06/27/87	Japan	Yamamoto et al		+ Full Trans Abstract
63-084789	04/15/88	Japan	US PN 4,861,964 & 5,708,252	above	Abstract
2-222154	09/04/90	Japan	Shinohara et al		+ Full Trans Abstract
DE 28 12 868 A1	10/12/78	Germany	Bell	US PN 4,233,626	Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Gladstone et al., "Liquid Crystal Display Device Configuration", IBM Technical Disclosure Bulletin, Vol. 15, No. 2, July 1972, pp. 437-438
Bahadur, "Molecular Crystals and Liquid Crystals", Vol. 109, N. 1, New York, (1984), pp. 24-26

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in compliance with MPEP 609; Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	08/169,127
				Filing Date	December 20, 1993
				First Named Inventor	Hisato SHINOHARA et al.
				Art Unit	1762
				Examiner Name	Marianne L. Padgett
Sheet	1	of		Attorney Docket Number	740756-945

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MPP		US-5,636,826	August 12, 1997	Misawa et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<sup>3</sup>

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<sup>3</sup>

Examiner Signature	Date Considered
Marianne L. Padgett	1/12/02

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

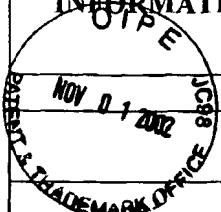
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FBES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. NVA252091.1

Submitted with IDS of October 1, 2002

attach to #62

Sheet 1 of 1

<b>Form PTO-1449</b> (Rev. 8-83)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Attorney Docket No.</b> 740756-945	<b>Serial No.</b> 08/169,127
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>Applicant:</b> Hisato SHINOHARA et al.	
		<b>Filing Date:</b> December 20, 1993	<b>Group:</b> 1762



**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>JP</i>	U.S. Patent No. 5,432,122	7/11/1995	Chae			

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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>JP</i>	63-195149	08/12/1988	Japan			Full	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>JP</i>	Mimura et al., "High-Performance Low-Temperature Poly-Si TFTs for LCD", IEDM 87, pp. 436-439, (January 1987).

Examiner *[Signature]* Date Considered *4/15/03*  
 \*EXAMINER: Initial if citation considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not cons with next communication to applicant.

Form PTO-1449  
(Rev. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Atty Docket 0756-0945

Serial No. 08/169,127

INFORMATION DISCLOSURE STATEMENT

SEP 09 2002

Applicants: Hisato SHINOHARA et al.

Filing Date: December 20, 1993

Gr up Art Unit: 1762

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>MP</i>	3,848,104	11/12/1974	Locke			
	3,877,777	04/15/1975	Glenn, Jr.			
	4,154,530	05/15/1979	Connolly, Jr. et al.			
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	4,358,659	11/09/1982	Spohnheimer			
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	4,468,551	08/28/1984	Neiheisel			
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	5,432,112	07/11/1995	Hong			
	5,453,858	09/26/1995	Yamazaki			
	5,897,799	04/27/1999	Yamazaki et al.			
	6,002,101	12/14/1999	Yamazaki et al.			
<i>MP</i>	6,149,988	11/21/2000	Shinohara et al.			

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>MP</i>	0 322 258	06/28/1989	EP	<i>Shinohara et al</i>		Full Eng	
	01-241862	09/26/1989	JP	<i>Samekuma et al</i>		Full Eng	
	04-338631	11/25/1992	JP	<i>Sato et al</i>		Full Eng	
	05-021339	01/29/1993	JP	<i>Hino et al</i>		Full Eng	
	55-032026	03/06/1980	JP	<i>Yamato et al</i>		Full Eng	
	57-079914	05/19/1982	JP	<i>Hayashi Hiroaki</i>		Eng Abst only	X
	60-245124	12/04/1985	JP	<i>Settsuo Utsui</i>		Full Eng	
	60-257511	12/19/1985	JP	<i>Kano et al</i>		Full Eng	
<i>MP</i>	61-080815	04/24/1986	JP	<i>Settsuo Utsui</i>		Full Eng	

Examiner

Date Considered

4/15/04

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Form PTO-1449  
(Rev. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Atty Docket 0756-0943

Serial N . 08/169,127

INFORMATION DISCLOSURE STATEMENT

Applicants: Hisato SHINOHARA et al.

Filing Date: December 20, 1993

Group Art Unit: 1762

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>MPP</i>	61-141174	06/28/1986	JP <i>Yamato</i>			Full Eng	
<i>MPP</i>	63-025933	02/03/1988	JP <i>Ishitani</i>			Full Eng	
	63-084789	04/15/1988	JP			Eng Abst	
<i>MPP</i>	63-195149	08/12/1988	JP <i>Mizubuchi et al</i>			Eng Abst Full	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
<i>MPP</i>	Grimm, "Optical System for Laser Machining of Narrow Slots", pp. 2641-2642, February 1972, IBM Technical Disclosure Bulletin, Vol. 14, No. 9
<i>MPP</i>	Harvey pp. 10-11, January 1962, Optics: Experiments and Demonstration
<i>MPP</i>	"Excimer Laser Annealing Apparatus Leonix", pp. 196-197 (Translation pages 1-4), October 1992, Semiconductor World <i>except from chapter 2, not used, no author</i>
<i>MPP</i>	Kaneko, "Excimer Laser Annealed Poly-Crystalline Silicon TFT", pp. 679-683, January 1990, T. IEEE Japan, Vol. 110-A, No. 10 <i>translation only provided</i>
<i>MPP</i>	Morikawa et al., "Special Article: Present Situation of Laser Processing Technique", pp. 66-68, August 1990, Laser Group, Engineering Section, Mechatronics Apparatus Division, with Full English Translation
<i>MPP</i>	Misura et al., "High-Performance Low-Temperature Poly-Si TFT's for LCD", pp. 436-439, January 1987, IEDM-87
<i>MPP</i>	Fujii et al., "A 10MHz Integrated Driver Circuit for Active-Matrix LCDs Using Laser-Recrystallized Silicon TFTs", pp. 448-451, January 1987, IEDM 87
<i>MPP</i>	Sera et al., "High-Performance TFT's Fabricated by XeCl Excimer Laser Annealing of Hydrogenated Amorphous-Silicon Film", pp. 2868-2872, December 1989, IEEE Transactions on Electron Devcies, Vol. 36, No. 12
<i>MPP</i>	Sameshima et al., "XeCl Excimer Laser Annealing Used to Fabricate Poly-Si TFT's", pp. 1789-1793, October 1989, Japanese Journal of Applied Physics, Vol. 28, No. 10
<i>MPP</i>	McGrath, "Applications of Excimer Lasers in Microelectronics", pp. 165-169, December 1983, Solid State Technology

Examiner *MPP*

Date Considered *4/15/04*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09/04/2002

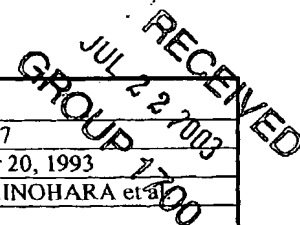
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(2/12/99) JES  
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TC 1700

but no Japanese  
patent Doc. supplied



Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	08/169,127
				Filing Date	December 20, 1993
				First Named Inventor	Hisato SHINOHARA et al.
				Art Unit	1762
				Examiner Name	Marianne Padgett
Sheet	1	of	1	Attorney Docket Number	740756-945

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		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP-51-104846	09/17/1976	HANDA		Concise Statement
		JP-52-121893	10/13/1977	SHIBATA et al.		AB
		JP-54-120498	09/19/1979	YAMAGUCHI et al.		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

Examiner Signature		Date Considered	4/15/04
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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